to compare the two hemispheres in this respect would be an important work and might well be carried out by an amateur who had means to move about and do the work.

Yours truly
H. C. Russell

Returned at 4 p.m.
Private.

Henry Chamberlaine
D. C. B.

Sydney Observatory,
8 April 1876.

Dear Sir

I am much interested in the subject of Revd W. Griffiths letter and wish I had time to write to you fully upon the difference between the Northern and Southern Skies. but I am so busy just now with matters which must be completed before outgoing mail that I have only time for a few words.

The brilliance of our Southern Sky is greater than that of the Northern especially if the parts near the pole are considered. Of course the Equatorial Stars are visible in both hemispheres. As to colored

Stars I think we have a greater number and variety. one remarkable cluster of 130 stars was described by Herschel as "like a superb piece of fancy jewelry; it is probably the most beautiful cluster in the Heavens. the colors of the bright stars are red Blue & Greenish-yellow Set in a field of small white stars. of double stars ♌ Centaure is the finest in the heavens, both are brilliant yellow and remarkable as our nearest Known stars.

Double stars of which the components are different colors are very numerous and beautiful especially in that part of the Milky-way about Crucis. the great majority are orange or orange-red stars and one near β Crucis is the most brilliant red that I have seen amongst the stars. Many blue stars are found but the color is not so decided as those I have named. Near the wanderful nebula about η Argus we have a splendid specimen of a colored double the larger one bright yellow the other blue.

As far as I can judge by comparing our Southern colored stars with those given by "Smythe" and others I think the colors are much brighter than those in the North Speaking generally.

AUTOGRAPHE

de

Russell

Henry Chamberlaine

OBSERVATIONS

L.a.s. 3 1/2 p.8°,/E./, Sidney, Observatory, 8.4.1876. Die Pracht des südlichen Himmels ist viel grösser, als die des nördlichen und das namentlich in der Nähe der Pole; am südlichen Himmel sind auch mehr farbige Sterne , über deren Wesen er sich ausspricht, auch viele Doppelsterne sind vorhanden, deren Komponenten verschiedene Farben haben; erwähnt auch einen herrlichen,blaugelben Doppelstern. Ein solcher Vergleich der beiden Hemisphären, von diesem Gesichtspunkte aus, wäre eine dankbare Aufgabe für einen Amateur, der herumreisen könnte. / Sammlung Loewenfeld./

R u s s e l , Henry.Chamberlain. Dr.Phil.- Stud.an d.Univers. Syndey, ward an d.dortigen Sternwarte 1859 Assist.& 1870 als Nachfolger v.Smaley"Government Astronomer" für Neu S.Wales, zugleich Director d.dortigen meteorolog. Centralbureaus, 1870 Mitgl.d. London Astr.Soc.1877 & 80 Vicepräs.der Syndey Roy.Soc./APO/ Or 1881/ /YRS/

Nachricht.3 S.in Lond.Roy. Soc.Proc.80,1908/.-

geb.1836,März 17,Maitland, Neu S.Wales,

gest.1907,Febr.22,Sydney.N. Süd.Wales.

Climate of New.S.Wales,35 p. Sydney,1869,D° descript.histor. & tabular, 245 p.Ib.1877/siehe Wien, Ztschr.Met.14/.-Meteorol. results, 1870-79 in New.S.Wales.- Astron.observat.1877-78,100 p.ib. 1881.-Account of the transit of Venus, 140 p.40 pl.ib.id.-Entwarf e.Schlittenscala für Hygrometer & Barometer e.Steuerung für Trieb-Uhren, selbstregistr.meteorolog.Instrum.& verschied. Appar. für Beobacht.d.Venusdurchgange.